

JFW

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/668,672
	Filing Date	09/23/2003
	First Named Inventor	Samuel I. Stupp
	Art Unit	1645
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	8696

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Copies of Non-patent references Transmittal of IDS
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Reinhart Boerner Van Deuren s.c.		
Signature			
Printed Name	Antonia M. Holland		
Date	September 13, 2005	Reg. No.	53,840

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Reinhart Boerner Van Deuren s.c.

By:

Antonia M. Holland

Date: September 13, 2005

## PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP ART UNIT: 1645

EXAMINER: Unknown

In re application of: Samuel I. Stupp )  
)  
)

Application No: 10/668,672 )

Filed: 09/23/2003 )

Confirmation No.: 1645 )

Attorney Docket No. 8696 )

Customer No. 22922 )

For: SELF-ASSEMBLED PEPTIDE-  
AMPHIPHILES AND SELF-  
ASSEMBLED PEPTIDE  
NANOFIBER NETWORKS  
PRESENTING MULTIPLE  
SIGNALS

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P.O. Box 1450  
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September 13, 2005

### TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING OR BEFORE MAILING OF FIRST OFFICE ACTION (37 CFR 1.97(b))

NOTE: "An information disclosure statement shall be considered by the Office if filed: (1) within three months of the filing date of a national application; (2) within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; or (3) before the mailing date of a first Office action on the merits, whichever event occurs last." 37 CFR 1.97(b).

*NOTE: The "filing date of a national application" under 37 CFR 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 CFR 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 CFR 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the national fee; (2) a copy of the international application, unless already sent by the International Bureau, and an English translation if filed in another language; (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the International preliminary examination report, if such annexes were made in another language. 37 CFR 1.97(b)(2).*

## **IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 CFR 1.97(b).

*NOTE: "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing.*

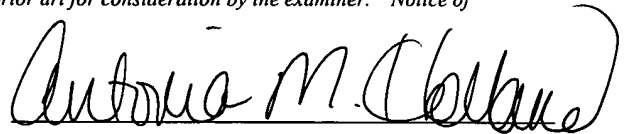
*NOTE: "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 CFR 1.8, or Express Mail certificate under 37 CFR 1.10. An Office action is mailed on the date indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39).*

*NOTE: "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).*

*NOTE: "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirement (37 CFR 1.142) or just a requirement for additional fees to have a claim considered (37 CFR 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).*

*WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 CFR 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63).*

Dated: September 13, 2005  
Reg. No. 53,840  
Tel. No.: (414) 298-8285



SIGNATURE OF ATTORNEY

Antonia M. Holland

Reinhart Boerner Van Deuren, s.c.

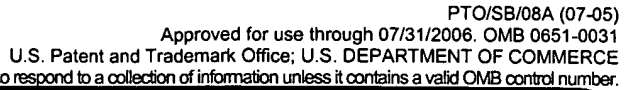
(P.O. Address)

1000 North Water Street, Suite 2100

Attn: Linda Gabriel, Docket Clerk

Milwaukee, WI 53202

**CUSTOMER NO. 22922**



Substitute for form 1449A/PTO

**(Use as many sheets as necessary)**

Sheet	1	of	2
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**Complete if Known**

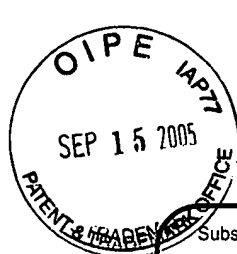
<i>Application Number</i>	10/668,672
<i>Filing Date</i>	09/23/2003
<i>First Named Inventor</i>	Samuel I. Stupp
<i>Art Unit</i>	1645
<i>Examiner Name</i>	Not Known
<i>Attorney Docket Number</i>	8696

[illegible][illegible]Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	10/668,672
Filing Date	09/23/2003
First Named Inventor	Samuel I. Stupp
Art Unit	1645
Examiner Name	
Attorney Docket Number	8696

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		GULER, MUSTAFA, O. et al., "Presentation and Recognition of Biotin on Nanofibers Formed by Branched Peptide Amphiphiles", NANO LETTERS 2005, Vol. 5, No. 2, pages 249-252. Copyright 2005 American Chemical Society, Published on Web 12/29/2004.	
		HARTGERINK, JEFFREY D., et al., "Self-Assembly and Mineralization of Peptide-Amphiphile Nanofibers", <a href="http://www.sciencemag.org">www.sciencemag.org</a> , 23 November 21, Vol. 294, pages 1684-1688.	
		SILVA, GABRIEL, A., et al., "Selective Differentiation of Neural Progenitor Cells by High-Epitope Density Nanofibers", <a href="http://www.sciencemag.org">www.sciencemag.org</a> , 27 February 2004, Vol. 303, pages 1352-1355.	
		HARTGERINK, JEFFREY D., et al., "Peptide-amphiphile nanofibers: A versatile scaffold for the preparation of self-assembling materials", PNAS, April 16, 2002, vol. 99, no. 8, pages 5133-8138 ( <a href="http://www.pnas.org/cgi/doi/10.1073/pnas.072699999">www.pnas.org/cgi/doi/10.1073/pnas.072699999</a> ).	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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